

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/051643

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L1/06 H04L25/02 H04L27/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/041635 A1 (MA JIANGLEI ET AL) 11 April 2002 (2002-04-11) page 2, paragraph 23 - paragraph 25 page 3, paragraph 31 - paragraph 38 page 3, paragraph 43 - page 4, paragraph 43 figures 1,6,7	1-5,9, 10,12-16
X	WO 02/45329 A (ERICSSON TELEFON AB L M) 6 June 2002 (2002-06-06) page 10, line 5 - line 15 page 13, line 24 - page 14, line 25 claim 1 ----- -/--	1-5,9, 10,12-16

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

18 November 2004

Date of mailing of the International search report

24/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>MUQUET B ET AL: "OFDM with trailing zeros versus OFDM with cyclic prefix: links, comparisons and application to the HiperLAN/2 system"</p> <p>ICC 2000. 2000 IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS. CONFERENCE RECORD. NEW ORLEANS, LA, JUNE 18-22, 2000, IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS, NEW YORK, NY: IEEE, US, vol. 2 OF 3, 18 June 2000 (2000-06-18), pages 1049-1053, XP002231869 ISBN: 0-7803-6284-5 figures 3,4</p>	1-16
A	<p>DENEIRE L ET AL: "TRAINING SEQUENCE VERSUS CYCLIC PREFIX-A NEW LOOK ON SINGLE CARRIER COMMUNICATION"</p> <p>IEEE COMMUNICATIONS LETTERS, IEEE SERVICE CENTER, PISCATAWAY,US, US, vol. 5, no. 7, July 2001 (2001-07), pages 292-294, XP001103154 ISSN: 1089-7798 page 292, paragraph II - page 293, paragraph II</p>	1-16

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Information on patent family members

International Application No

PCT/EP2004/051643

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